Title (en)
METHODS OF AND DEVICE FOR AUTONOMOUS CONFIGURATION OF A RELAY NODE DEVICE IN MESH NETWORK

Title (de)
VERFAHREN UND VORRICHTUNG ZUR AUTONOMEN KONFIGURATION EINER RELAISKNOTENVORRICHTUNG IN EINEM MESH-NETZWERK

Title (fr)
PROCÉDÉS ET DISPOSITIF DE CONFIGURATION AUTONOME D'UN DISPOSITIF DE NOEUD RELAIS DANS UN RÉSEAU MAILLÉ

Publication
EP 3854119 B1 20231115 (EN)

Application
EP 18773155 A 20180918

Priority
EP 2018075204 W 20180918

Abstract (en)
[origin: US2020092792A1] A method for deactivating a relay feature of a relay node in a mesh network comprising a plurality of nodes, wherein said relay node formulates a connectivity report comprising routing information to a beacon node in said mesh network, said routing information being based on connectivity control messages received from said beacon node. The method comprises the steps of transmitting, by said relay node, said connectivity report to neighbouring nodes, transmitting, by said relay node, a query message to said neighbouring nodes for querying whether said relay feature of said relay node may be deactivated receiving, by said relay node, response messages from said neighbouring nodes, in response to said query message, wherein each of said response messages indicates that said relay feature of said relay node may be deactivated, and deactivating, by said relay node, said relay feature of said relay node based on said response messages from all of said neighbouring nodes. Complementary methods and devices for performing a method according to the present disclosure are also presented herein.

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